

Title (en)
DEGRADABLE COMPOSITE MATERIAL CONTAINING CHITIN OR CHITOSAN

Title (de)
ABBAUBARER VERBUNDSTOFF MIT CHITIN ODER CHITOSAN

Title (fr)
MATÉRIAU COMPOSITE DÉGRADABLE CONTENANT UNE CHITINE OU UN CHITOSANE

Publication
EP 2486947 B1 20160217 (EN)

Application
EP 09850242 A 20091007

Priority
JP 2009067522 W 20091007

Abstract (en)
[origin: EP2486947A1] The object of the present invention is to provide a degradable composite material that contains at least one type of polysaccharide selected from chitin and chitosan, and has self-degrading capability. By supporting an enzyme capable of hydrolyzing chitin and chitosan on a molded article containing at least one type of polysaccharide selected therefrom, the polysaccharide can be slowly degraded in an environment where moisture is present such as a living body.

IPC 8 full level
A61L 15/28 (2006.01); **A61L 15/64** (2006.01); **A61L 17/06** (2006.01)

CPC (source: EP US)
A61L 15/28 (2013.01 - EP US); **A61L 15/38** (2013.01 - EP US); **A61L 15/64** (2013.01 - EP US); **A61L 26/0023** (2013.01 - EP US); **A61L 26/0047** (2013.01 - EP US); **A61L 26/009** (2013.01 - EP US); **A61L 27/20** (2013.01 - EP US); **A61L 27/227** (2013.01 - EP US); **A61L 27/58** (2013.01 - EP US); **A61P 17/02** (2017.12 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2486947 A1 20120815; **EP 2486947 A4 20130814**; **EP 2486947 B1 20160217**; CN 102573937 A 20120711; CN 102573937 B 20150325; US 2012195877 A1 20120802; WO 2011042971 A1 20110414

DOCDB simple family (application)
EP 09850242 A 20091007; CN 200980161823 A 20091007; JP 2009067522 W 20091007; US 200913501069 A 20091007